Lenco

ENGLISH

PORTABLE DVD PLAYER

OWNER`S MANUAL

MODEL NO :DVP-70

■ Please read this manual before operating

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Safety Information

Please read all of the safety and operating instructions before operating this Player, follow all warnings placed on the Player and in the user's manual. These safety and operating instructions should be retained for future reference.

Safety Information

- Do not expose the system to excessive moisture, rain, sand, or heat sources.
- Place the DVD Player on a firm, flat surface.
- Keep the DVD Player away from domestic heating equipment and direct sunlight.
- When placing the DVD Player in a cabinet, allow about one inch of space all around the DVD Player for ventilation.

❑ SAFETY WARNING

CLASS 1 LASER PRODUCT / KLASSE 1 LASER PRODUKT / LUOKAN 1 LASER LAITE / KLASS 1 LASER APPARAT / PRODUCTO LASER CLASE.

INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED. AVOID EXPOSURE TO BEAM.

⚠ WARNING

1. To prevent fire or electrical shock, do not expose this Player to rain or moisture.

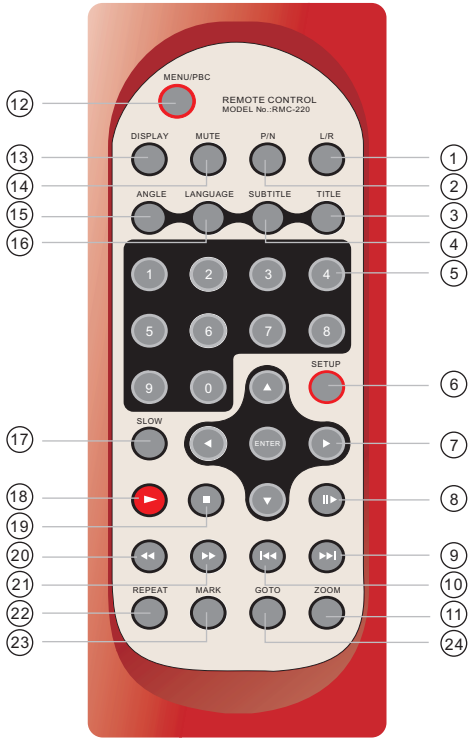
2. To avoid electrical shock, do not open the cabinet, no user-serviceable parts inside, refer servicing to qualified personnel only.

3. Certain countries may regulate the disposal of the battery used to power this product. Please consult with your local authority.

4. Listening with earphones for many hours at maximum volume may damage your hearing.

5. The Player should be connected to a power supply only of the type described in the operating instructions or as marked on the Player.

Remote Control



1.L/R Button

2.P/N Button

- Selects PAL/NTSC TV systems.

3.TITLE Button

4.SUBTITLE Button

- Selects the subtitle's language.

5.Number Buttons (0,1,...,9)

6.SETUP Button

- Brings up the setup MENU to set up the system's language, audio, display, password etc.

7.ENTER/DIRECTION Buttons

8.PAUSE/STEP (II▸)Button

9.SKIP FORWARD (▸▸I)Button

- Use to skip to next title, chapter or track.

10.SKIP BACKWARD (I◂◂) Button

- Use to skip to previous title, chapter or track.

11.ZOOM Button

12.MENU/PBC Button

- Brings up the disc menu.

13.DISPLAY Button

- Displays the current disc playback information.

14.MUTE Button

15.ANGLE Button

- Use to access various camera angles on a DVD.

16.LANGUAGE Button

- Selects the voice language in a DVD.

17.SLOW Button

18.PLAY Button

- Starts disc play.

19.STOP Button

- Stops disc play.

20.FAST REVERSE (◂◂) Button

21.FAST FORWARD (▸▸) Button

22.REPEAT Button

- Allows you to repeat play a title, chapter, track, or disc.

23.MARK Button

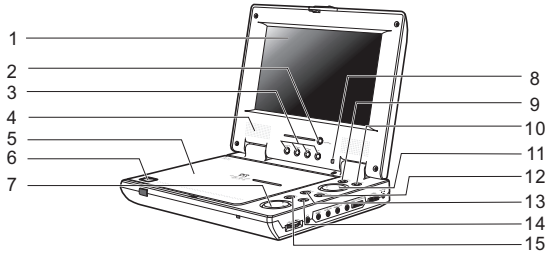
- Use to mark a point where the playback starts each time when the MARK button is pressed later on.

24.GOTO Button

- Use to enter the specific time to playback.

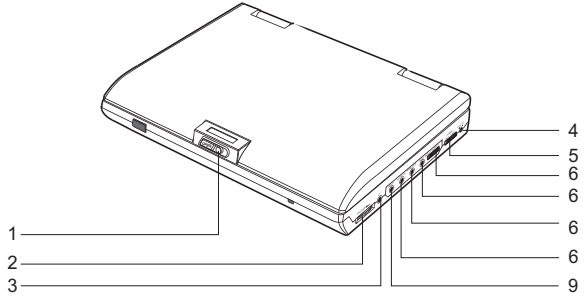
Description

■ Front View



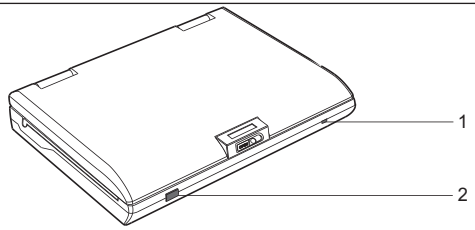
1.LCD
2. REVERSE DISPLAY
3.(16:9/4:3)/MODE/DOWN/UP
4.SPEAKER
5.DISC COVER
6.OPEN
7.PLAYBACK Buttons
PLAY(►)
STOP(■)
SKIP-FORWARD(▶▶I)
SKIP-BACKWARD(I◀◀)
8. LCD on/off switch
9.MENU/PBC Button
10.ENTER Button
11.DIRECTION Button(UP/DOWN/ LEFT/RIGHT)
12.DISPLAY Button
13.PAUSE/STEP(II/▶I) Button
14.FAST REVERSE(◀◀) Button
15.FAST FORWARD(▶▶) Button

■ Right View



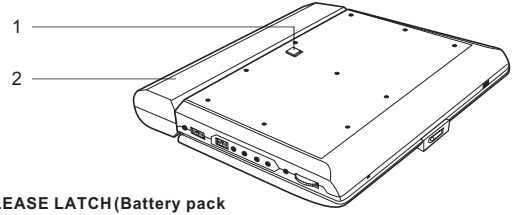
1.OPEN
2.EARPHONE / SPEAKER VOLUME
3.EARPHONE JACK
4.DC IN 12V
5.POWER ON/OFF
6.INPUT / OUTPUT
7.VIDEO
8.AUDIO OUT
9.AUDIO IN
10.SPDIF

■ Left View



1.LED LIGHT
2.REMOTE CONTROL SENSOR

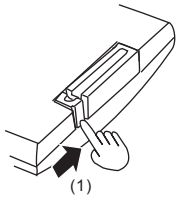
■ Bottom View



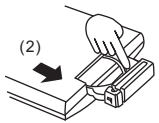
1.RELEASE LATCH(Battery pack separation switch)
1.BATTERY PACK

Using the Remote Control

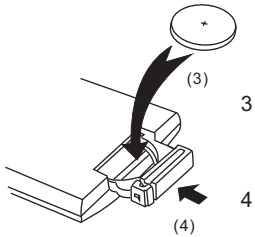
Installing the battery



1. Press the locking tab in the arrow direction.



2. Pull out the battery tray.

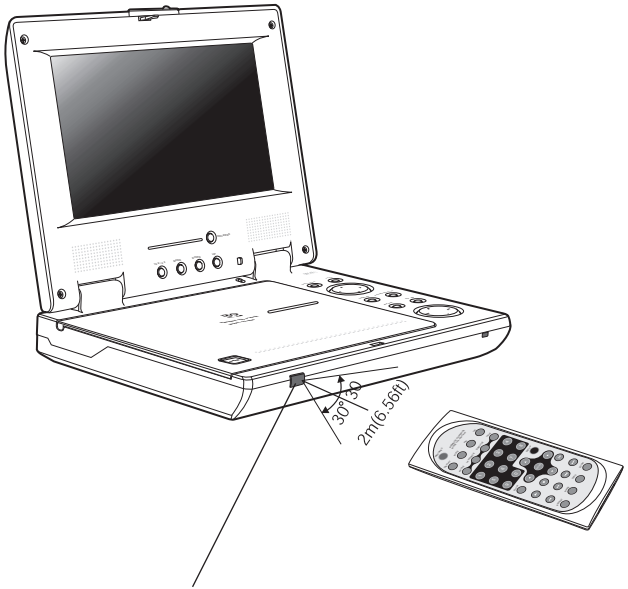


3. Insert a 3V lithium battery into the tray with the polarity (+) facing up as marked.

4. Replace the battery tray by pushing it until it clicks into place.

Using the remote control

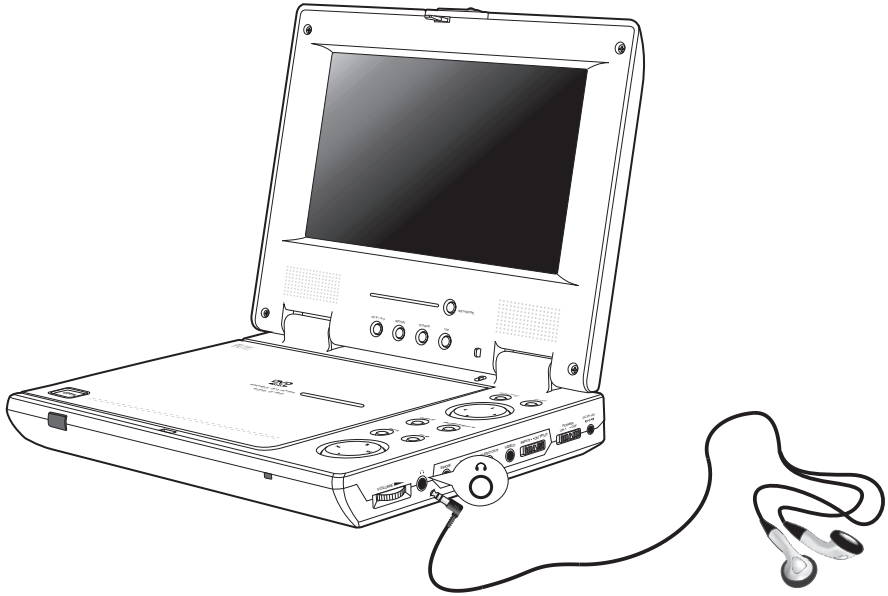
Point the remote control directly at the remote sensor on the front of the DVD Player.



Connecting Earphones to the DVD Player

You can attach an earphone with a stereo mini-jack plug to the phone jack ( ) for private listening. Its volume is adjustable using the **VOLUME** control dial. You can also connect a second earphone to the **AUDIO OUT** jack, but its volume cannot be adjusted.

Note: When the earphone is connected to the Phone Jack ( ), the speaker will be disconnected.



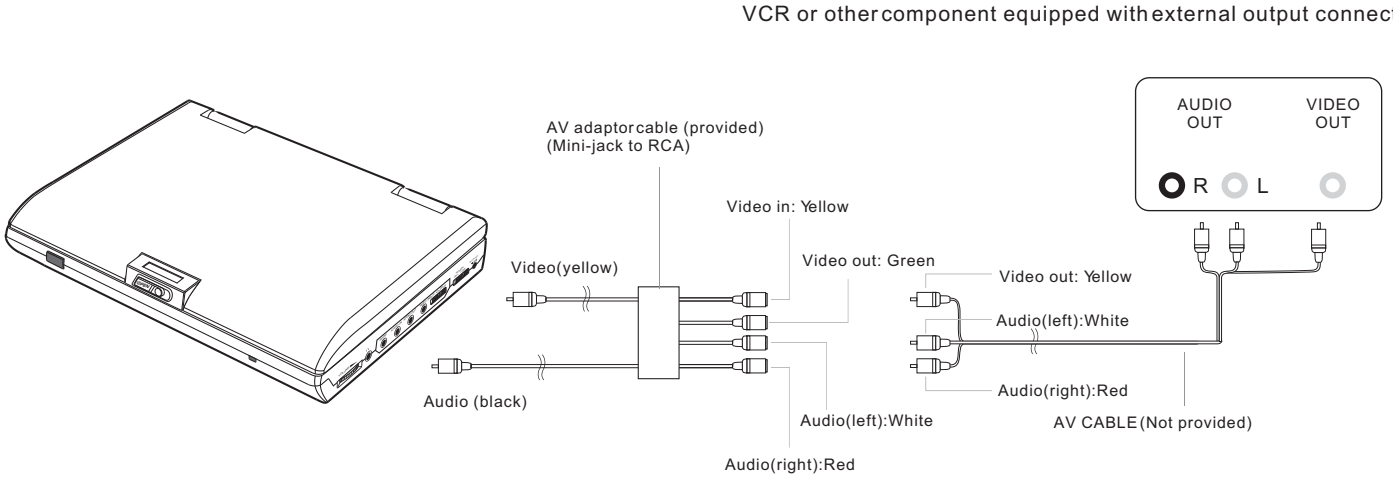
Notes on DSP

- The DSP decodes the digital audio signal into stereo dts or Dolby digital audio signal for speaker and earphone playback after converting the signal to analog and amplifying it.
- The 5.1 digital signal passes through without decoding and can be accessed by the SPDIF jack on the Player.

Connecting to an External Component

You can enjoy video from VCR or camcorder on your DVD player.

1. Turn off DVD player, VCR and other components.
2. Connect the audio and video cables as illustrated below.
3. Slide **INPUT/OUTPUT** to **INPUT**.
4. Turn on power.

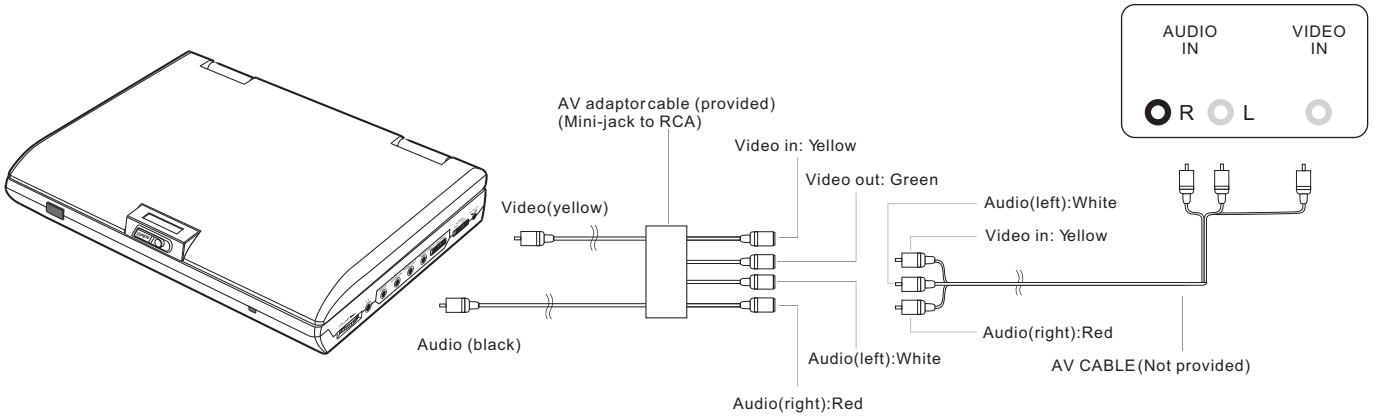


Connecting to a TV

You can enjoy DVD quality video on TV screen.

1. Turn off DVD player and TV.
2. Connect the audio and video cables as illustrated below.
3. Slide **INPUT/OUTPUT** to **OUTPUT**.
4. Turn on DVD player and TV.
5. Select corresponding Video input which is connected to DVD player.
6. Press **PLAY** on DVD player.

Connect to a TV equipped with external connection jacks



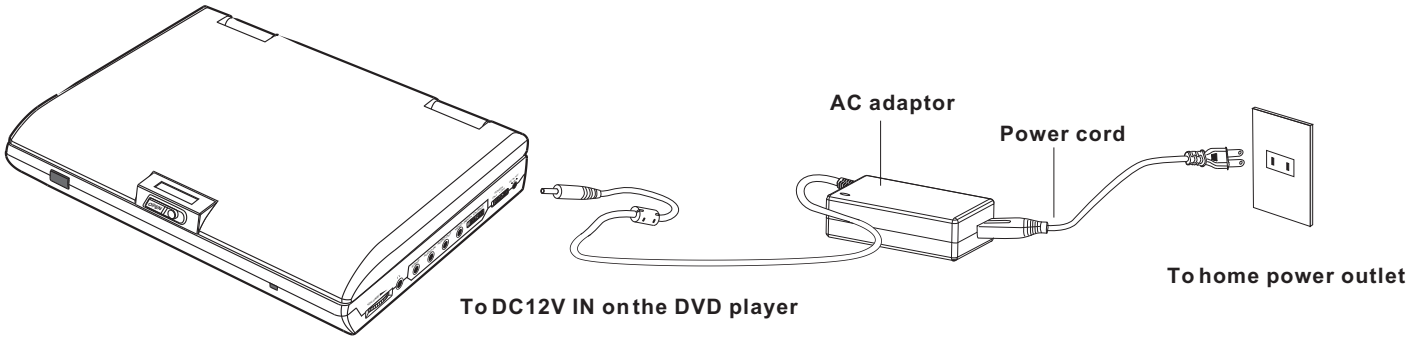
TIPS

- If you wish to view video on your TV only, close the display panel of your DVD player.
- With the display panel shut, use the remote to control DVD player.

Using the AC Adaptor

This portable DVD player can be powered by AC through the supplied switching power AC adaptor. It can also use the supplied battery pack to power.

When the AC adaptor is connected to the unit and powered, the unit will be automatically and electrically disconnected from the battery pack and powered by the AC power.

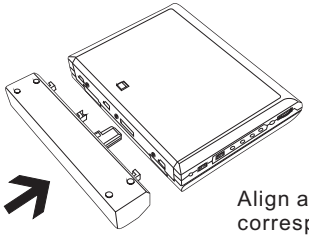


Important !

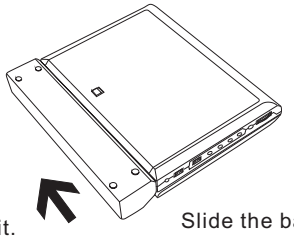
- Always turn off the DVD Player before connecting or disconnecting the AC cord.
- Only use the AC adaptor supplied with this player. Using a different type of adaptor may cause malfunction or damage to the product.
- When the AC adaptor is used for prolonged period of time, the adaptor may heat up, This is normal and is not a cause for concern.
- When not using the adaptor, unplug it from the outlet.

Using the Battery Pack

Installing the battery pack

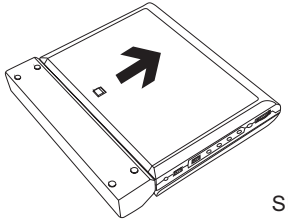


Align and insert the battery pack into the corresponding slots on the back of the unit.

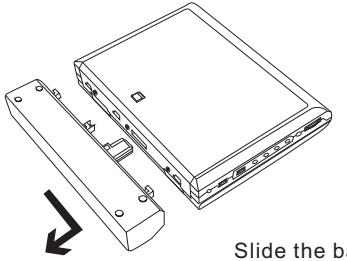


Slide the battery pack to the left until it clicks into place.

Removing the battery pack



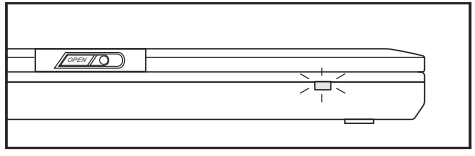
Slide down the latch.



Slide the battery pack to the right, and remove.

Charging the battery pack

1. Turn off the unit by sliding **POWER ON/OFF** to **OFF**.
Note: *When the player is turned on, the battery will not be charged.*
2. Attach the battery pack to the unit.
3. Connect one end of the AC cord to the jack on the AC adaptor.
4. Plug the other end of the AC cord into an AC outlet.
5. Connect the DC cord to the DC IN 12V jack on the DVD player.



1. The LED lights (orange color), and charging begins.
2. When battery is fully charged, the LED turns to red.

Cautions in Using Battery Pack

Danger!

Strictly follow these safety information when using the battery pack. Otherwise, a short circuit, overheating, smoke, fire, or damage to the product may result.

- Never disassemble or modify the battery pack in any way. Do not touch the terminal of the battery pack with a metal object.
- Do not place the battery pack in direct sunlight, dashboard of a vehicle, or high temperature place. It can cause explosion or fire.
- Do not expose the battery pack to water, fire, or heat.
- Always use the included AC adaptor when charging the battery pack.
- This battery pack is designed exclusively for your portable DVD player. Do not use it with other devices.

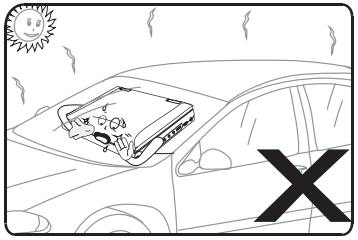
Warning!

1. Do not drop or subject to strong vibration.
2. Keep out of reach of children.
3. The battery pack may leak fluid that is harmful to your eyes.

If this fluid gets in your eyes, wash eyes immediately with large amounts of running water and get medical attention immediately.
If the fluid gets on your skin or clothing, wash immediately with water.

Caution!

1. When not using the battery pack, remove it and store in a cool place.
2. Do not use the AC adaptor or battery pack for a prolonged period of time during recharging.
3. Keep the battery pack free from smoke, steam, moisture, and dust.
4. Using the battery pack under 0°C (32°F) or over 30°C(86°F) can cause reduced battery life.



Playing a Disc

Preparation for Playback

1.Make sure the unit has the power either from the battery pack or the AC adaptor.
2.Loading a disc, following these steps:
- Open the top cover by pushing the latch to the right and lift the top cover.
- Press the **OPEN** button to open the disc lid.
- Place a disc into the tray with the label side facing up.
- Close the disc cover.

3.Slide **INPUT/OUTPUT** to **OUTPUT** (located on the side of the player).
4.Slide **POWER** to **ON** to turn on the power.

Play

Press to start play.

Stop

1.Press ■ (on the remote) or **STOP** (on the player) to temporarily stop the playback, "**PRESTOP**" appears on the screen.
2.Press ■ or **STOP** again to stop the playback.

Pause

1.During playback, press II► (on the remote) or **PAUSE** (on the player) to pause.
2.Press ► to resume playback.

Resume

When you press ■ or **STOP**, the player remembers where you stopped, and when you press **PLAY** later, it will play from where you stopped it. However, during which, if the disc is removed, the **STOP** (■) button is pressed again or the player is turned off, the **RESUME** function will be lost.

Skip

You can skip chapters on DVD-Video, tracks on CDs, and Video CDs.
1. To skip forward, press ⏭ during play or while paused; it skips to the next chapter or track. Each press increases the numbers of skips.
2. To skip to previous chapter or track, press ⏮ twice. Pressing ⏮ once will only move to the beginning of the current chapter or track.

Fast Forward and Reverse

1. During playback, to fast forward, repeatedly press ⏩ to increase the fast forward speed 2x, 4x, 8x, 16x, 32x.
2. During playback, to fast rewind, repeatedly press ⏪ to increase the fast reverse speed 2x, 4x, 8x, 16x, 32x.
3. To resume normal playback, press ▶ .

Slow Motion

1. During playback, repeatedly press **SLOW** to play at 1/2, 1/4, 1/8, 1/16, 1/32 speeds.
2. To resume normal playback, press ▶ .

You can only perform slow motion play in the forward direction.

Frame-by-Frame Playback

1. During playback, press ⏯ or **PAUSE** to pause.
2. Repeatedly press ⏯ or **PAUSE** to play one fame at a time.
3. To resume normal playback, press ▶ .

You can only perform step play in the forward direction.

Repeat Playback

You can play a chapter, a track, a title, a file or the entire disc repeatedly.
1. During playback, repeatedly press **REPEAT** to choose a Repeat option. Depending on the type of disc, the Repeat options may be different.
2. To cancel repeat playback, repeatedly press **REPEAT** until 🔁 **OFF** appears on the screen.

Mark (Bookmark)

You can playback from a certain point using the **MARK** function.
1. During playback, press **MARK** to mark the point at which you want to start the playback.
2. At any time, when **MARK** is pressed again, it starts to playback from the marked point.

GOTO

GOTO lets you choose a specific elapsed playing time or a desired Chapter/Title/Track to begin playback.

1. Press **GOTO,** title, chapter or track information appears depending on the disc format.
2. Use ▲▼ key to change Chapter/Title/Track number, and ◀ ▶ to move between Chapter/Title/Track.
3. Press **GOTO** again, to enter the elapsed time.
4. Press **PLAY** to start playback.
5. If you want to play from a specific Chapter, Title or Track, you can skip Step 3.

GOTO function is not valid for MP3/JPEG file in CD-ROM format and Picture CD.
Some DVDs do not allow this function during specific Title/Chapter is playing.

Zoom

ZOOM lets you enlarge the video image during playback and pan through the enlarged image.

1. Press **ZOOM** repeatedly during video playback to enlarge the image to x 2 or x 4 times of the normal size.
2. Press **ZOOM** repeatedly while displaying JPEG file and Picture CD disc to zoom in the picture at 150% or 200% and zoom out the picture at 25% or 50%.

Use direction keys (▲▼ and ◀ ▶) to move around (pan and scan) the enlarged video or picture.

Mute

Press **MUTE** to silence the audio, press **MUTE** again to restore it.

Menu/PBC

During DVD playback, press **MENU/PBC** to return to the disc's Start Menu. If the disc does not have the Start Menu, or discs that refuse MENU function, appears.

For VCD playback, press **MENU/PBC** to turn on/off PBC (Playback Control). If PBC is enabled, menu of scene's thumbnails appears, you can make selection for playback.

Language

Repeatedly press **LANGUAGE** during DVD playback to change the language of the voice if the disc has multiple languages. This function is only valid for DVDs.

Subtitle

Repeatedly press **SUBTITLE** during DVD playback to change the subtitle's language If the disc has multiple subtitle's languages. This function is only valid for DVDs.

Angle

Repeatedly press **ANGLE** during DVD playback to change the camera angle if the disc has different camera angles. This function is only valid for DVDs.

Display

Press **DISPLAY** during DVD playback to display playback information such as current title, chapter, track, elapsed time etc.
Press **DISPLAY** again to show additional information such as audio channels, TV system, language etc.
Press **DISPLAY** again to remove information.

Audio Channel

When playing CD or VCD, repeatedly press **L/R** to change the sound output to Stereo, left/left, right/right.

Turn Off The Player

1.Press **STOP** twice to stop the playback, if the unit is playing.
2.Slide **POWER ON/OFF** to **OFF** to turn off the power.

Playing Picture CD

Valid Picture CD

The player can play both Kodak Picture CD that you order from photo processing store, and home-made CD by burning JPEG files onto a CD-R or CD-RW disc.

Play

In most cases, after the disc is placed into the player, the player will start to slide show automatically.
In other cases, the file manager appears. Use direction keys (▲▼ and ◀ ▶) to select the picture and press **PLAY** ▶ to play.

Slide Show Speed

During slide show, the displaying time of each picture can be changed by repeatedly pressing ▶▶ .
Available intervals are 2 sec, 4 sec, 8 sec and 10 sec .

Pause

1.During playback, press ⏸ (on the remote) or **PAUSE** (on the player) to pause.
2.Press ▶ to resume playback.

Rotate

The picture can be rotated and flipped.
1.During playback, press ⏸ or **Pause** to temporarily stop the playback.
2.Use direction keys (▲▼ and ◀ ▶) to rotate right 90 degrees, left 90 degrees, flip vertically and flip horizontally respectively.

Next/Previous

You can manually skip to the next picture by pressing ⏭ , and to skip to the previous picture by pressing ⏮ .

Transition Effect

There are 12 transition effects to move from one slide to another. To change transition effect, repeatedly press **ANGLE.**

1.Cover Up **2.**Cover Down **3.**Uncover Up **4.**Uncover Down **5.**Split Horizontal in **6.**Split Horizontal out **7.**Wipe Up
8.Wipe Down **9.**Blinds Horizontal Up **10.**Blinds Horizontal Down **11.**Fade Trough Black **12.**No Effect

Playing MP3 and Regular Audio CD

Valid MP3 CD

Your MP3 files should be ISO 9660 or JOLIET format.

Play

In most cases, when a MP3 or audio disc is placed into the player, the first song file of the first folder plays.

In other cases, the file manager appears. Use direction keys (▲▼ and ◀ ▶) to select the song file and press **PLAY** ▶ to play.

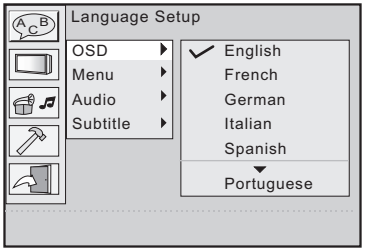
Setting Language for OSD,Menu, Voice, Subtitle

1. Press **SETUP** on the remote control.
2. Use the direction keys (◄▲▼►) to select Language Setup and its sub-menu.
3. Press **ENTER** or **SETUP** to confirm and exit.

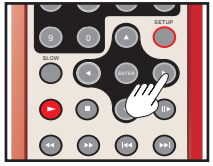
:Move ► :Select SETUP: Quit

Changing OSD language

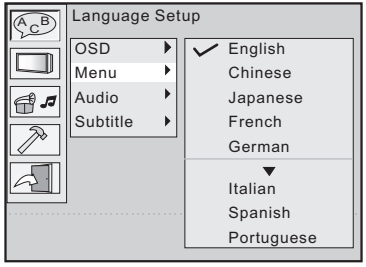
Press order:
(▼ , ▶)



Changing menu language

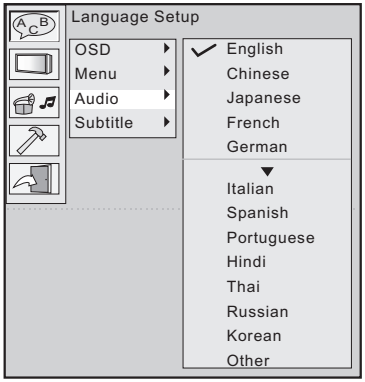


Press order:
(▼ , ▶)



Changing voice language

Press order:
(▼ , ▶)



Changing subtitle language

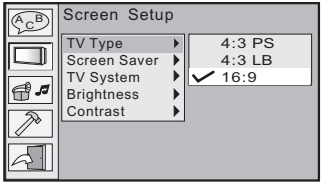
Press order:
(▼ , ▶)

1. Press **SETUP** on the remote control.
2. Use the direction keys (◄ ▲▼ ►) to select Screen Setup and its sub-menu.
3. Press **ENTER** or **SETUP** to confirm and exit.

Adjusting the Aspect Ratio

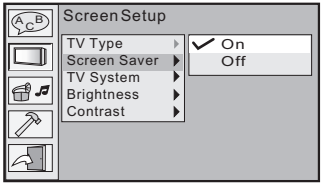
- 4:3 LB (Letter Box)
  Displays the content of the DVD title in 16:9 aspect ratio. The black bars will appear at the top and bottom of the screen.
- 4:3 PS(Pan Scan)
  The left and right of the screen are cut off and displays the central portion of the 16:9 screen.

Press order:
(▼ , ▶)



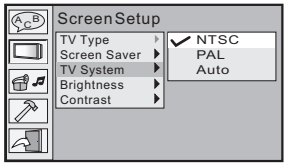
Turning on/off screen saver

Press order:
(▼ , ▶)



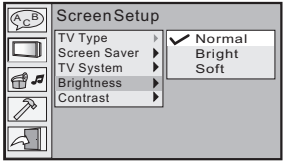
Selecting TV system

Press order:
(▼ , ▶)



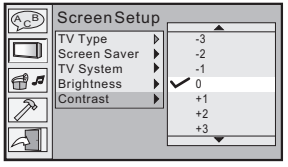
Adjusting screen brightness

Press order:
(▼ , ▶)

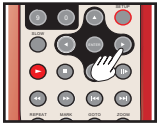


Adjusting screen contrast

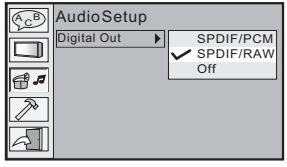
Press order:
(▼ , ▶)



Adjusting Audio



Press order:
(SETUP , ▼ , ▶ , ▶)

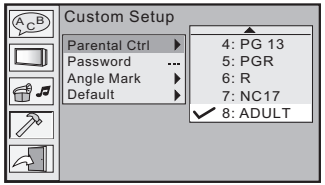


Setting Parental Control, Password, Camera Angle

1. Press **SETUP** on the remote control.
2. Use the direction keys (◄▲▼►) to select Custom Setup and its sub-menu.
3. Press **ENTER** or **SETUP** to confirm and exit.

Setting parental control

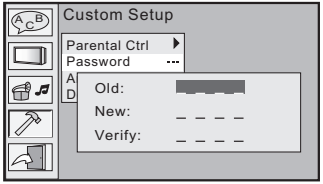
Press order:
(SETUP , ▼ , ►)



Changing password

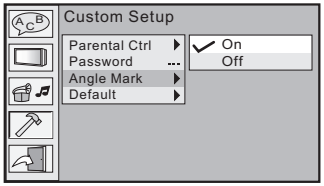
1. Use direction keys (◄▲▼►) to select Password and press **ENTER** to confirm.
2. Key in your old password (8888 if this is the first use). press **ENTER** to confirm.
3. Key in new password and again to verify.

Press order:
(▼ , ►)



Turning on/off camera angle

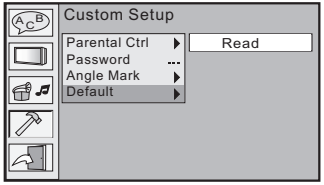
Press order:
(▼ , ►)



When ON is selected, the player will display multi-angle mark on the screen if the disc has multi-angle shot.

Returning to default setting

Press order:
(▼ , ►)



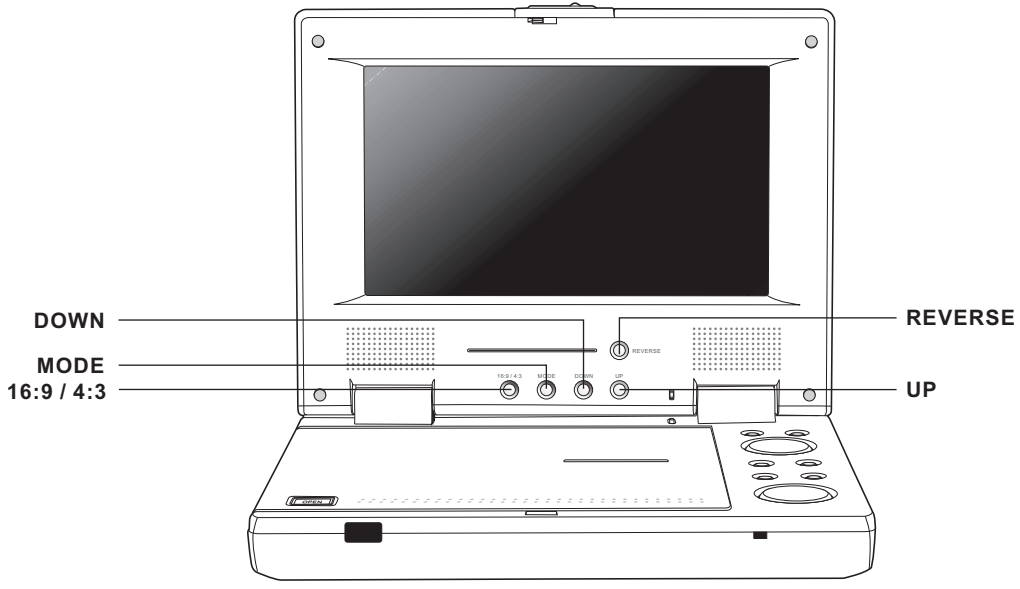
All settings will revert to the original factory settings when Read is selected.

Adjusting LCD Screen

Following these steps to adjust the LCD quality during playback or while paused,

1. Repeatedly press **MODE** on the screen panel to select the parameters listed in the menu.
   You can change **BRIGHTNESS**, **CONTRAST**, **SHARPNESS**, **COLOR** and **TINT**.
2. Repeatedly press (or hold down) **UP** and **DOWN** to change the setting of the parameter selected.
3. To reset the setting to its defaulted value, select **RESET** by repeatedly pressing **MODE** then press **UP** or **DOWN** to confirm.

Note: If no key is pressed in 9 seconds, the Menu disappears.



Troubleshooting

If your DVD player dose not seem to be functioning properly, check the items below before you contact a service center.

Symptom	Check
Power does not turn on or suddenly turns off	Make sure the AC Power cord is securely plugged into an AC outlet. Turn the power off and then back on.
Battery pack is in place but the power does not turn on or suddenly turns off	Check that the battery pack is charged. If not, recharge it.
Remote control does not work	Check that the battery is inserted in the "+" and "-" directions properly. The batteries may be dead. Replace them with new batteries. Check that the signal transmission is directed at the remote control sensor on the DVD player.
Disc does not play	Check that the disc is a DVD, DVD-RW, VIDEO CD, or AUDIO CD. Do not use a disc that has scratches or dirt. Check that the label-side of the disc is facing up. The pick-up lens of the DVD player may be dirty. Contact the service center for lens cleaning.
No picture	Check if the LCD on/off switch is stuck, and cannot move freely when the top cover is open.
No picture and sound	Check **INPUT/OUTPUT** is switched to **OUTPUT** not **INPUT**. With power turned on, slide **INPUT/OUTPUT** once.
No sound	Check the volume setting. If set to zero, turn up volume level. Check that the headphones are plugged into the PHONES and Audio jack. Speakers cannot be used with the headphones.

Troubleshooting

Symptom	Check
While in the input mode, no picture is output from the external component to the DVD player	Check that the video or audio cable is securely connected. Check that the DVD player is in the INPUT mode and in the DVD mode.
Battery pack won't charge	Check that the DVD player is turned off. You cannot charge the battery pack with the player turned on. A hot battery pack may take longer to charge. Wait until the battery pack is sufficiently cooled down.
Charging LED indicator does not light	Check with another fully charged pack if the LED lights. Check that the AC adaptor is securely plugged in. If DVD or battery pack is overheated, you will not be able to charge the battery pack.
LED charging indicator quickly turns to Green	Disconnect the AC adaptor and reconnect. Use another battery pack, if the same symptom occurs, the AC adaptor may be defective. If the second battery pack charges without any problem, your first battery pack may be defective.

Specifications

General	Power Requirements	Input AC 100V~240V, 50/60 Hz, Output DC 12V
	Power Consumption	≤15 W
	Weight	913.5g (without battery pack)
	Dimensions	206mm (W) x 158.5mm (D) x 39.7mm (H)
	Operating Temperature Range	+10°C~ +40°C
Readable Disc	DVD, DVD-R, DVD+R, DVD-RW, VCD, SVCD, MP3 CD, CD-DA, Photo CD.	
Video Output	Composite Video	1 channel : 1.0 Vp-p (75Ω load)
Audio Output	2 Channel	L(1/L), R(2/R)
	Frequency Response	(20Hz - 20 kHz)±1
	S/N Ratio	≥85 dB
	Dynamic Range	≥80 dB

Battery Specifications

ITEM	SPECIFICATION
Nominal Voltage	7.2V
Capacity	Minimum 4200 mAh
Charge Voltage	8.400±0.05V
Max Charge Current	4A
Use Time	2.5HR
Charge time in Full	4.5HR

Operating environment

Charge	0°C~ +45°C
Discharge	-20°C~ +60°C
Store less than 1 month	-20°C~ +60°C
Store less than 3 months	-20°C~ +45°C
Store less than 1 year	-20°C~ +25°C

- The specifications are subject to change without notice.
- Weight and dimensions are approximate.